



FEMA



Prepared by
Brian Hoeth

FEMA Region 6 Weather Threat Briefing

Monday April 26, 2021

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.



NWSSouthern

www.weather.gov/srh



- **Critical fire weather conditions across NM, W TX & and the TX/OK Panhandles today and tomorrow.**
- **Slight Risk of severe thunderstorms from portions of W/NW TX and the TX Panhandle into much of OK on Tuesday; Marginal Risk of severe thunderstorms over portions of TX, OK, and AR on Wednesday.**
- **Heavy rainfall/flash flooding possible across portions of TX/OK Tuesday, TX/OK/AR Wednesday & TX/AR/LA Thursday.**

FEMA Region 6 Threat Matrix

Apr 26, 2021 - Apr 30, 2021



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DAY / THREAT	Mon	Tue	Wed	Thu	Fri
Severe Storms		W/NW TX, TX Panhandle, OK	TX, OK, AR		
Heavy Rain / Flash Flooding		NW TX, OK	N/Central TX, Central/E OK, W AR	NE TX, AR, N LA	
Fire Weather	NM, W TX, TX/OK Panhandles	E NM, W TX, TX/OK Panhandles			
Tropical Winds / Surge					
Winter Weather					
River Flooding	SW LA	SW LA	S LA, OK, AR, N TX	S LA, OK, AR, N TX	S LA, OK, AR, N TX
	LA, AR, ETX	LA, AR, ETX	ETX	ETX	ETX

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

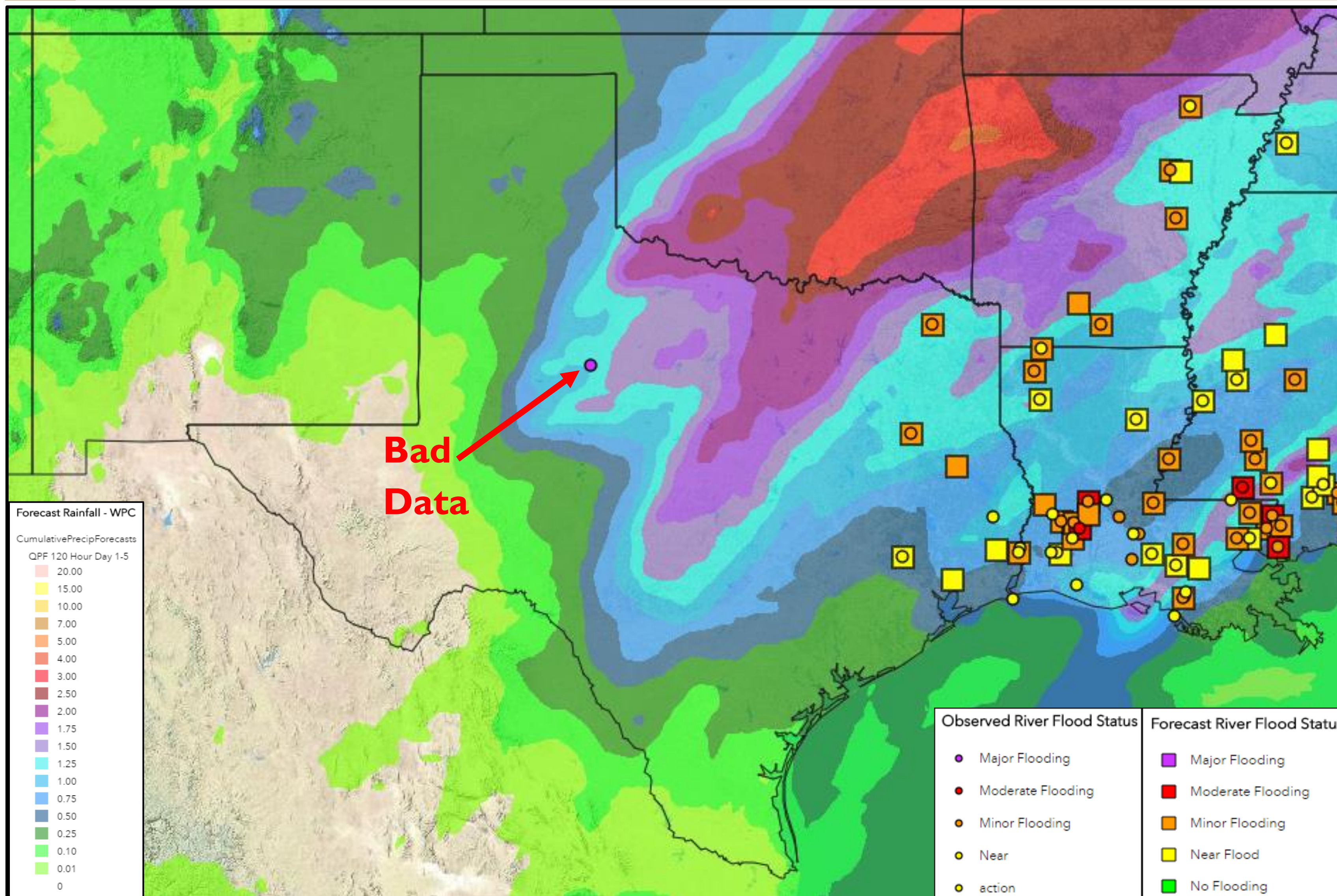
For more details on the colors in the threat matrix refer to the last slide in this briefing.

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



A couple points on the Calcasieu River in SW LA are in moderate flood or expected to rise into moderate flood over the next few days; impacts are mainly to roads.

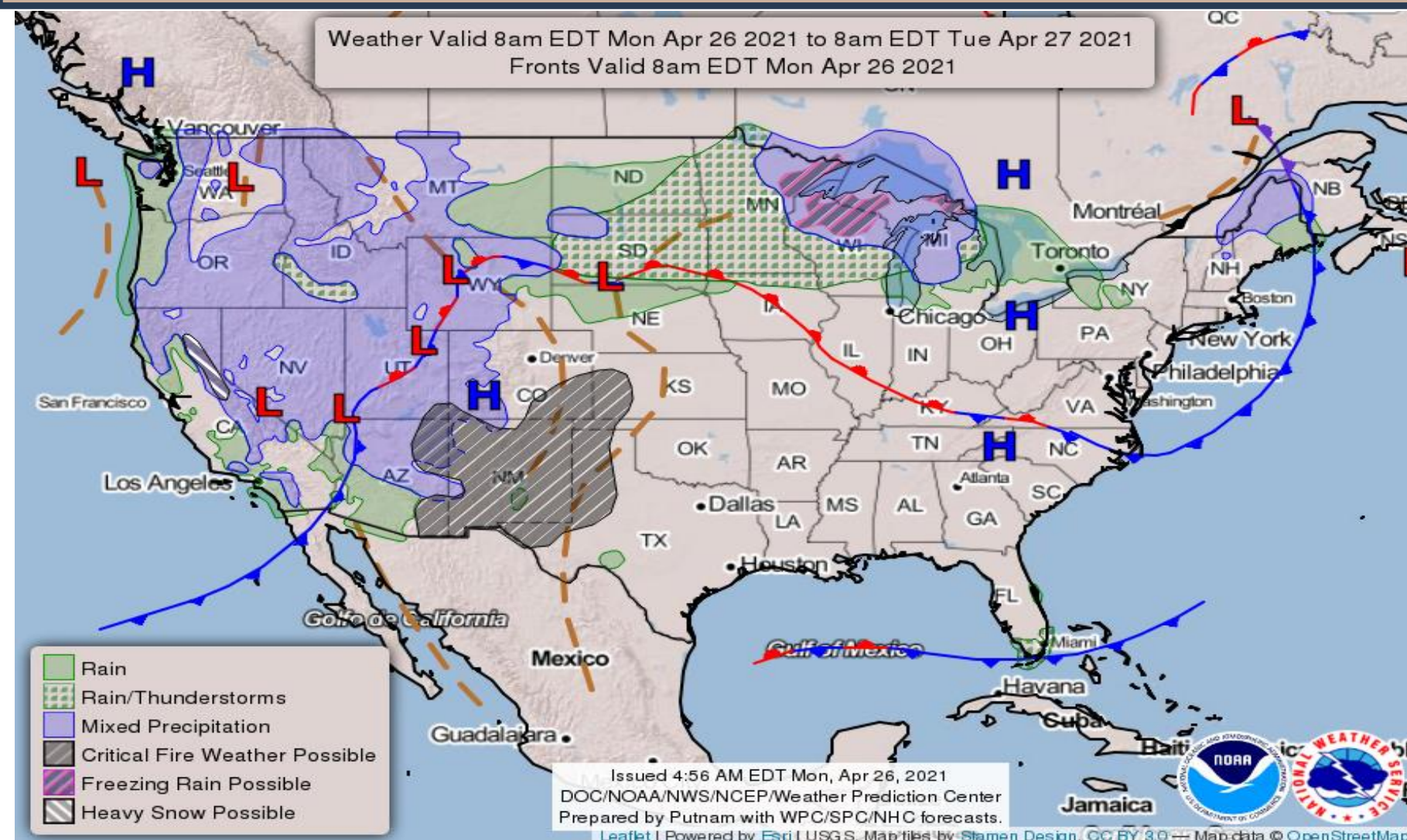
The Pearl River in SE LA is expected to rise just into moderate flood stage by mid week; impacts are to roads, woodlands and crop acreage.

Minor river flooding continues elsewhere across LA, AR, and E TX with impacts to roads and agricultural/recreational areas.

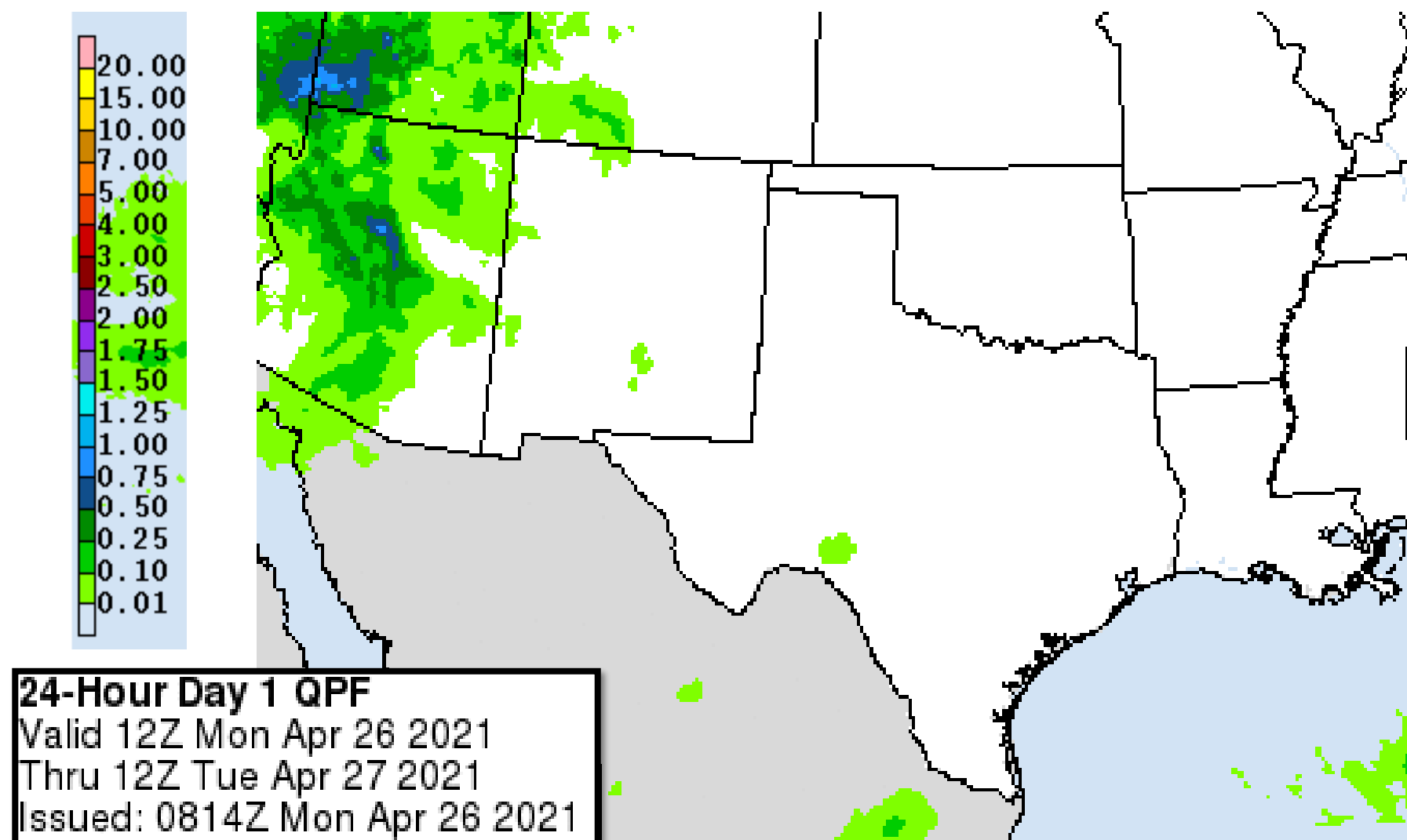
Next round of rainfall (depicted on this map) is expected late Tuesday through Thursday and this may prolong ongoing river flooding and also cause additional river flooding in OK, N TX and AR. Significant flooding is possible in eastern OK.

Today's Weather

Forecast Chart



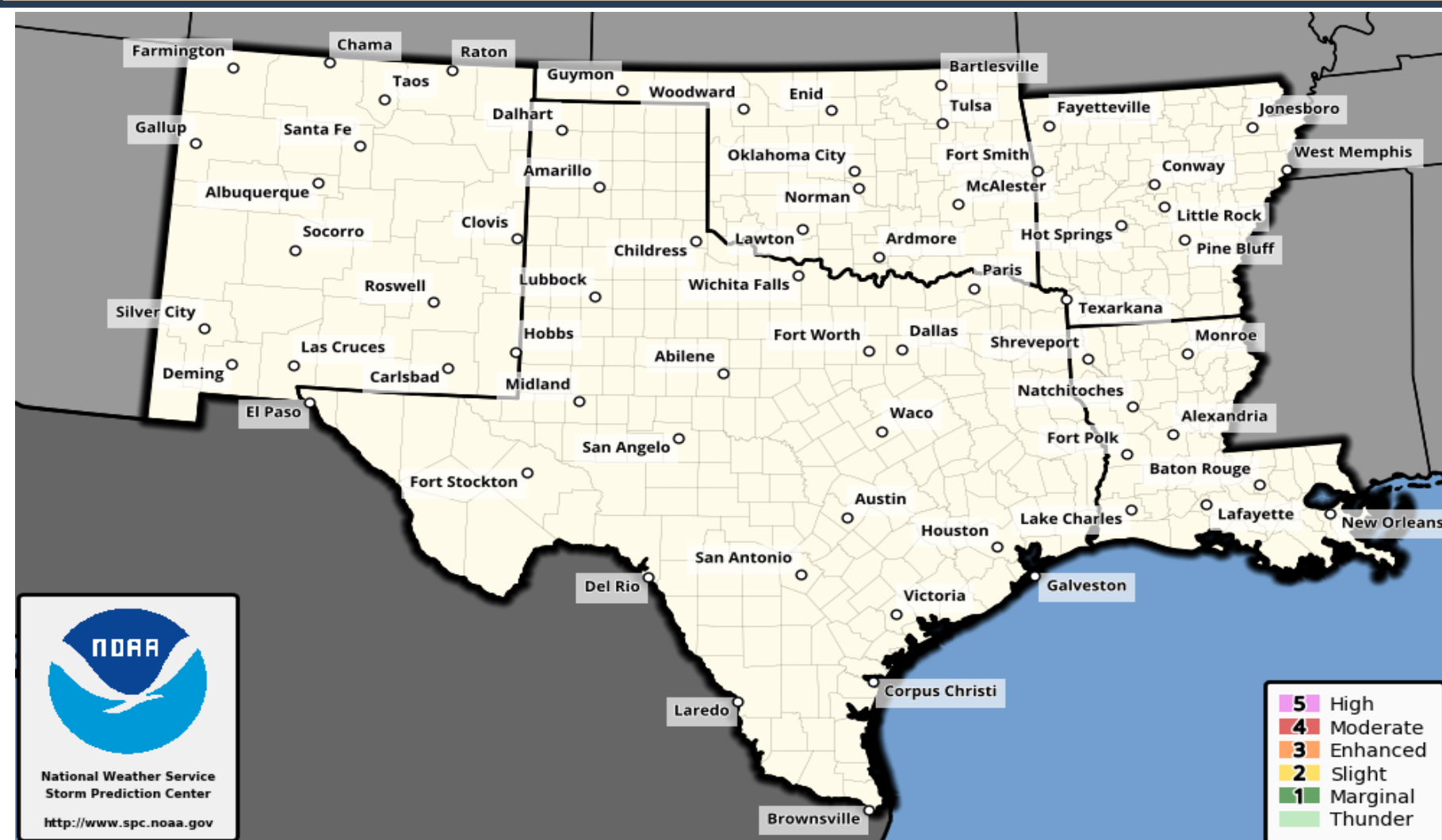
Forecast Rainfall



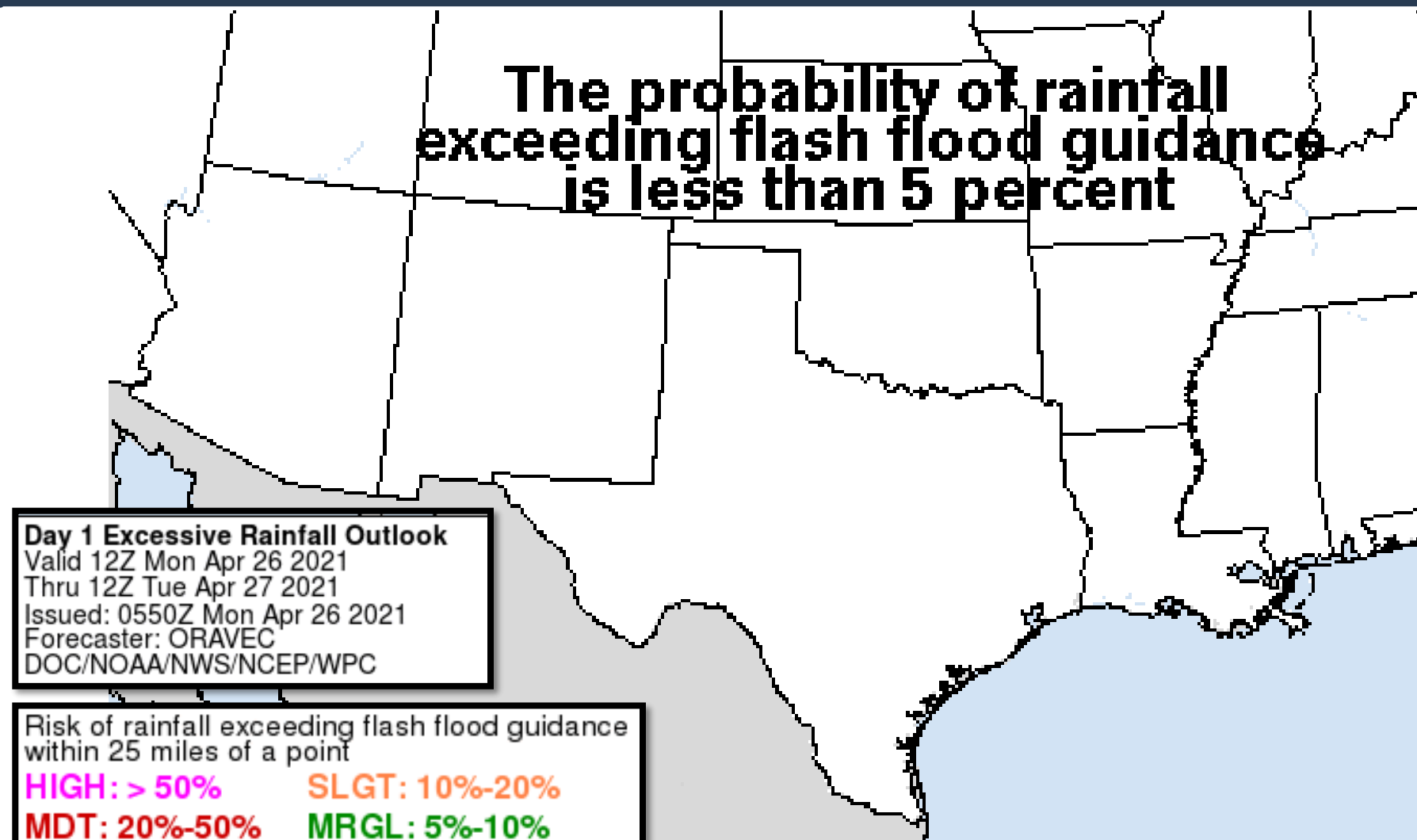
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No significant weather
expected.

Severe Weather Outlook



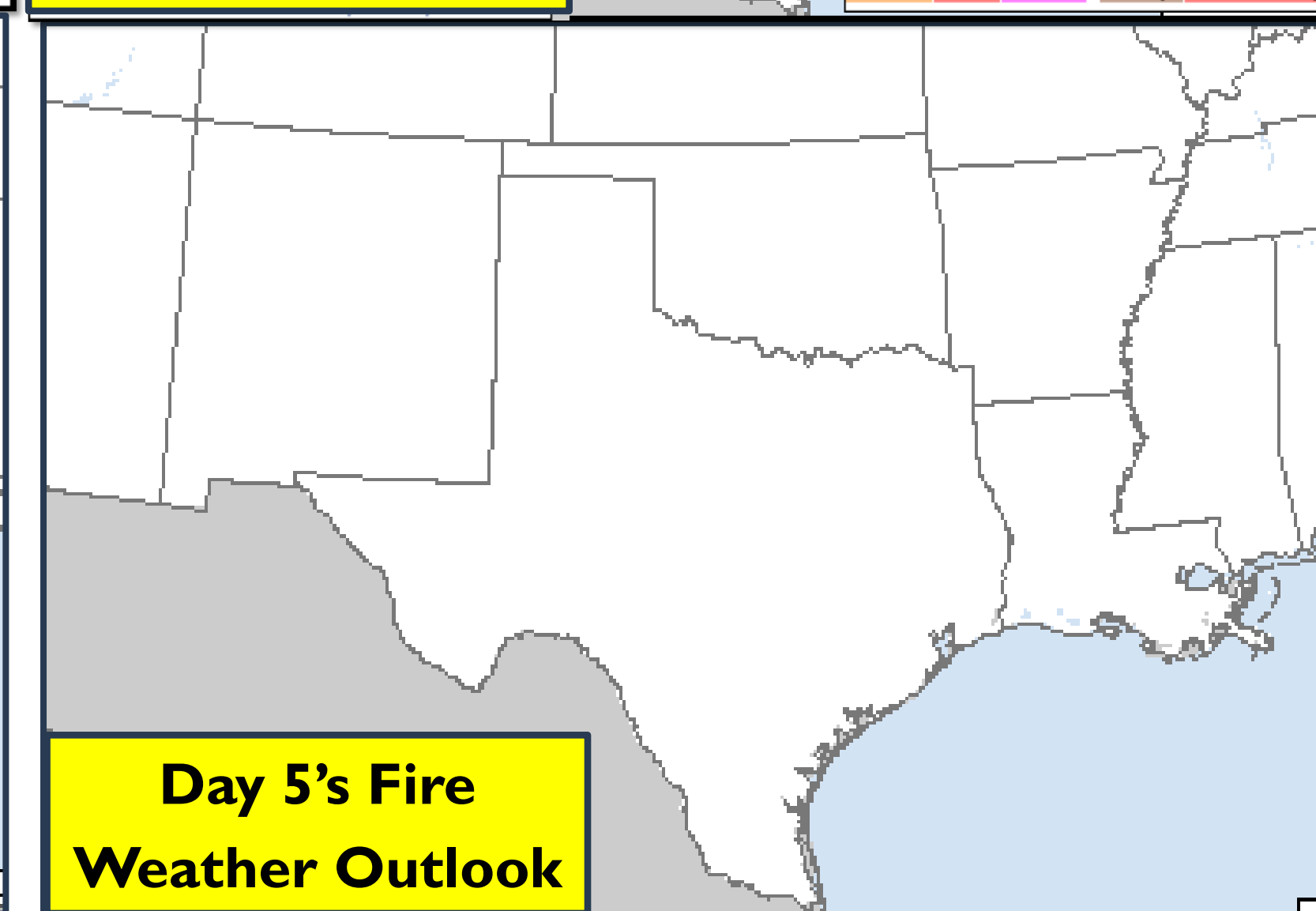
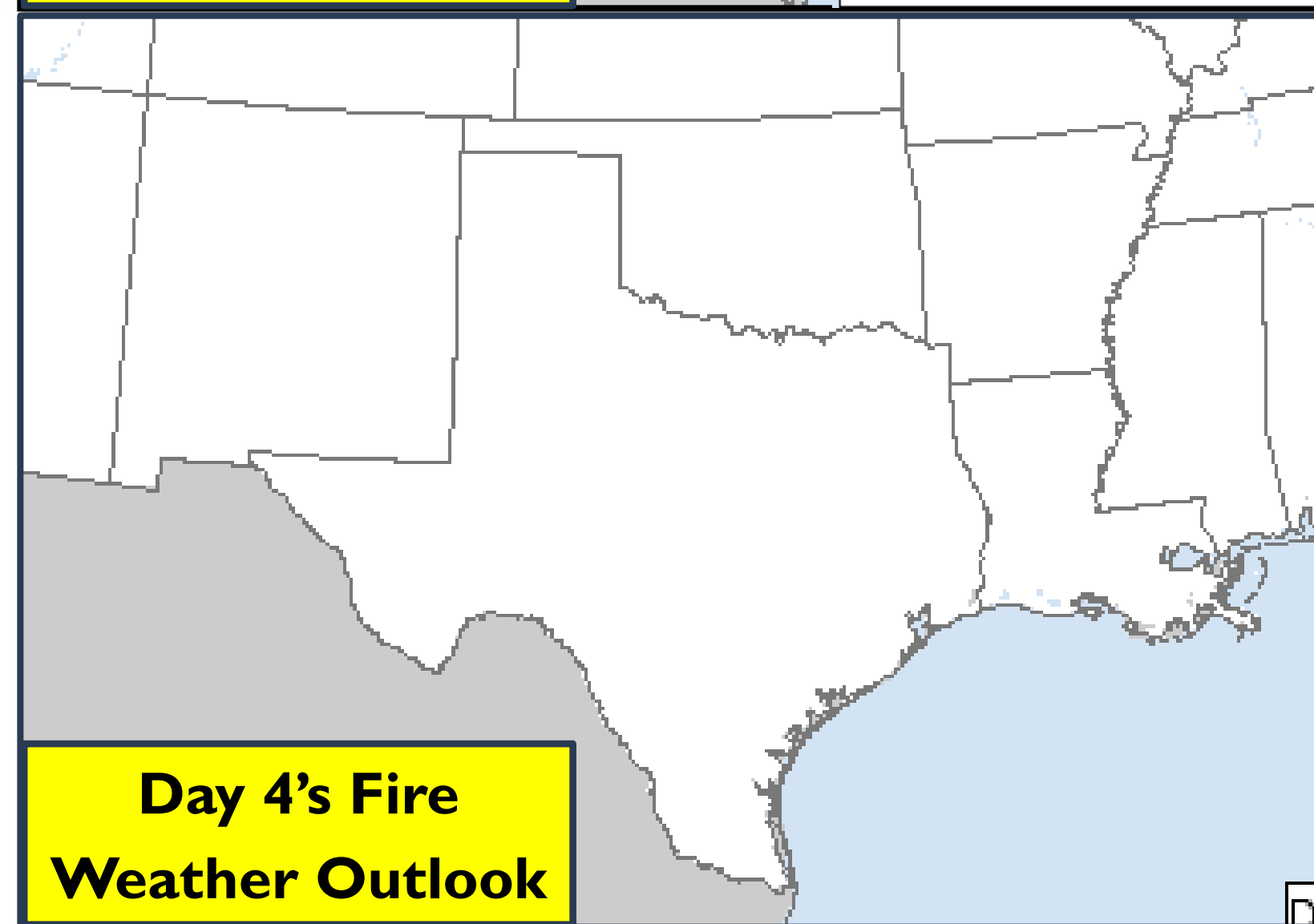
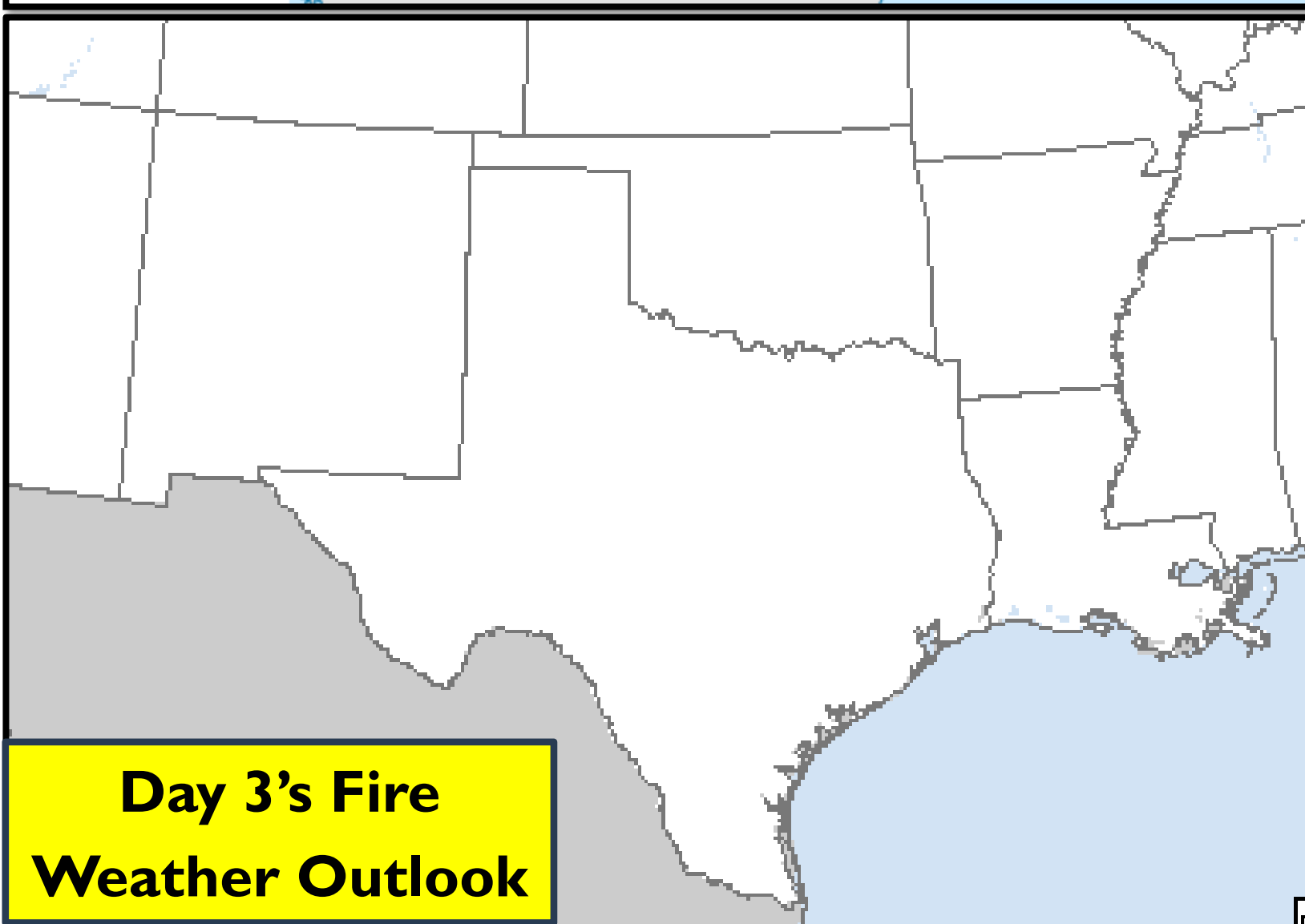
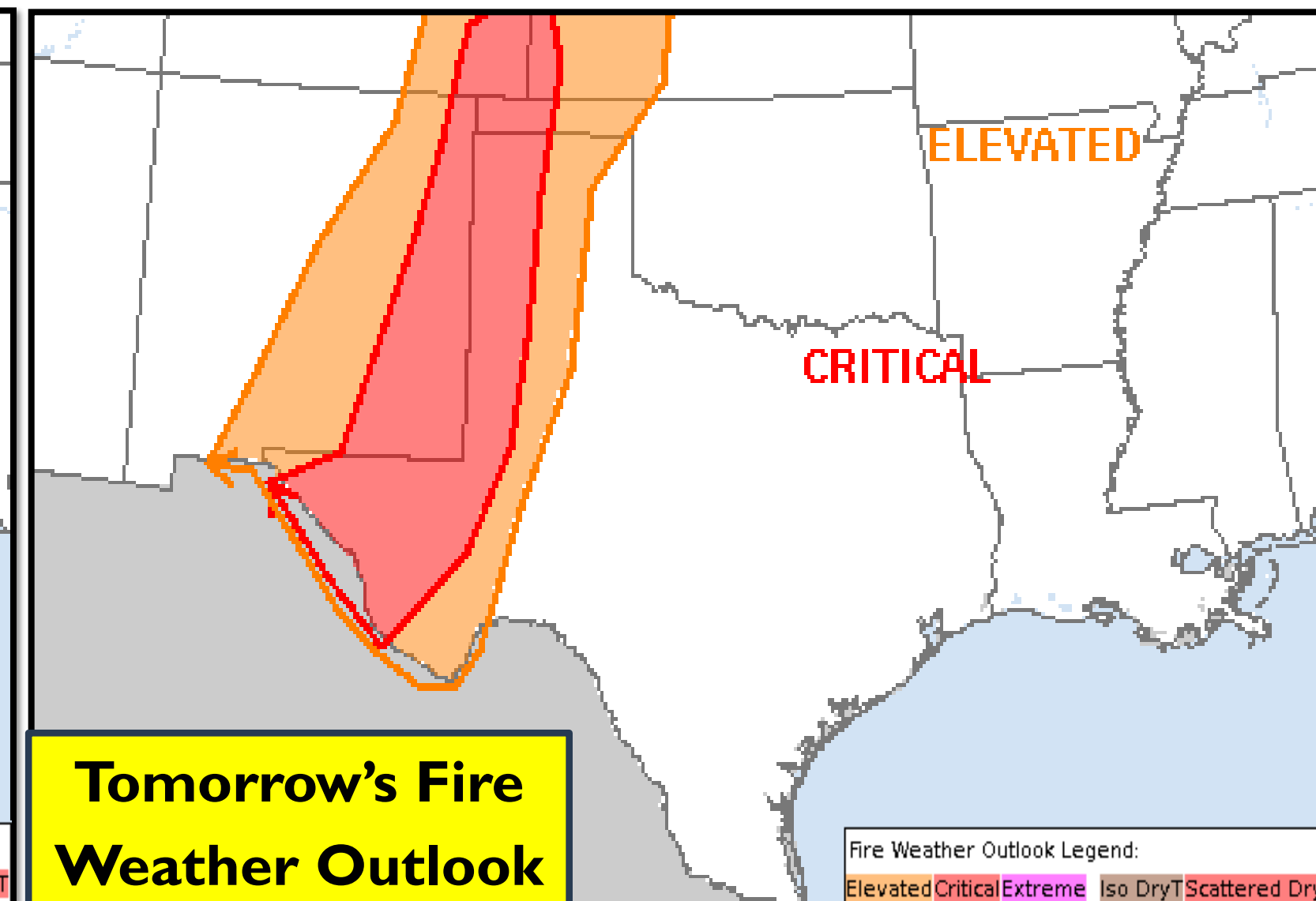
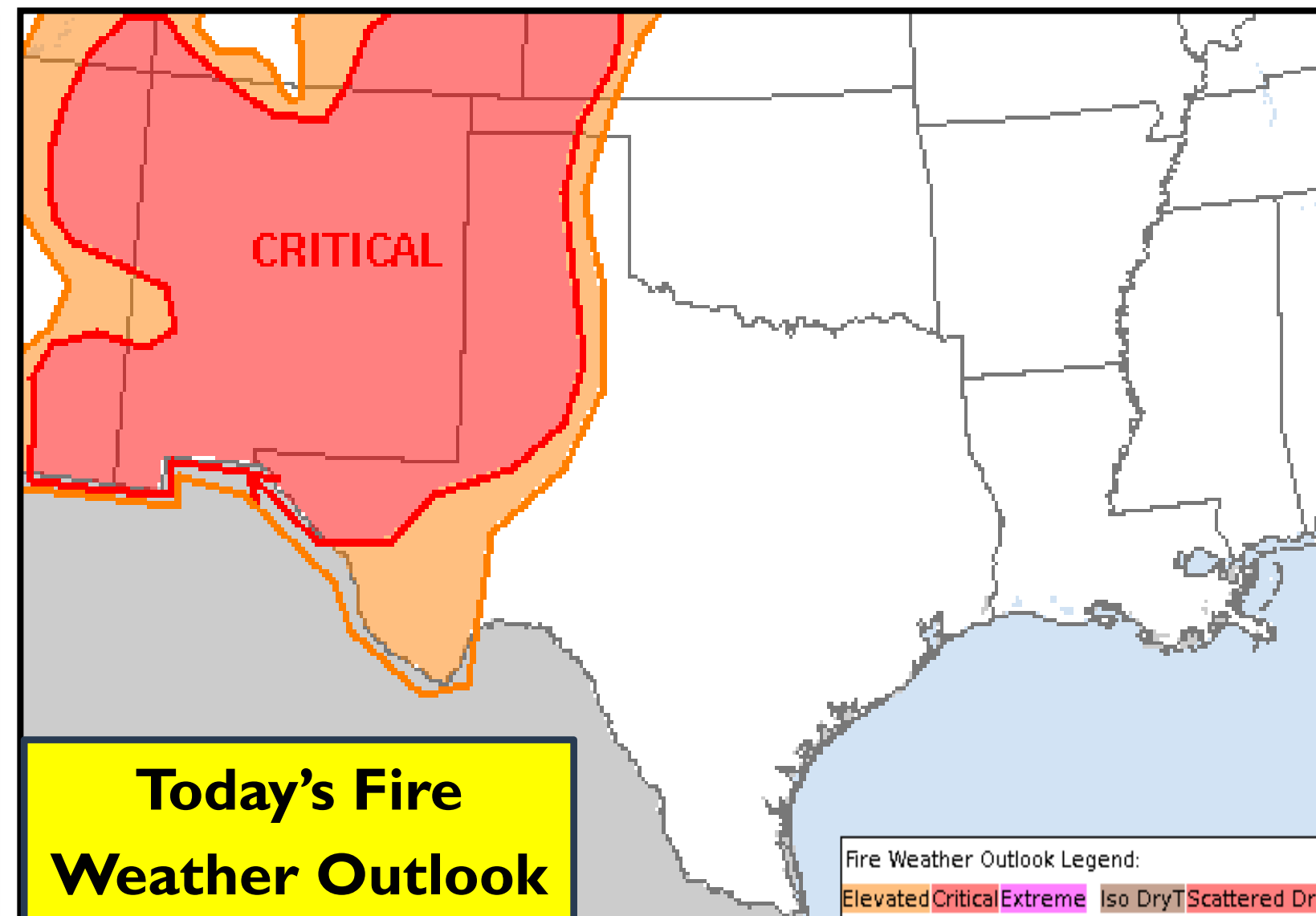
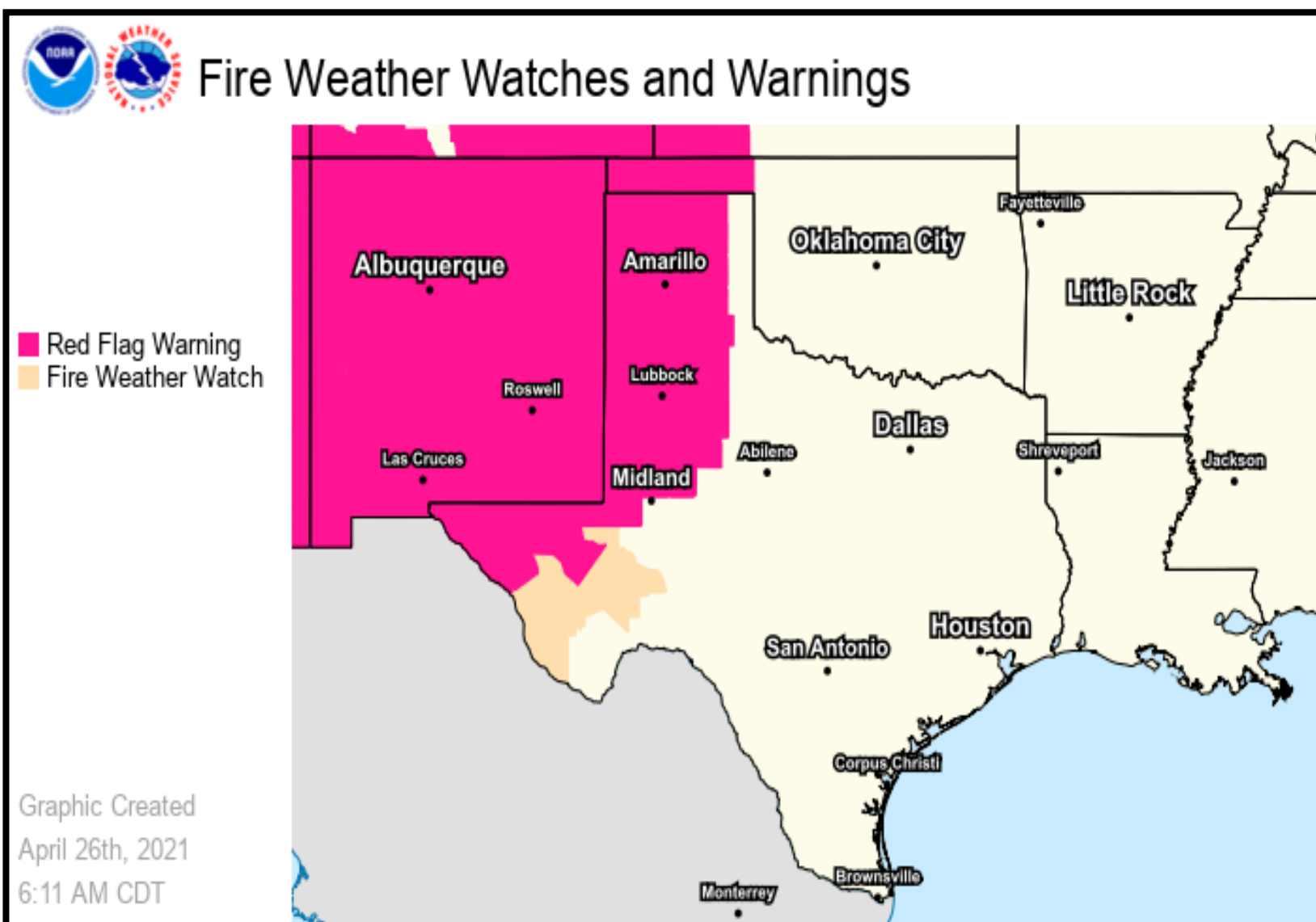
Excessive Rainfall Outlook



Fire Weather Outlooks



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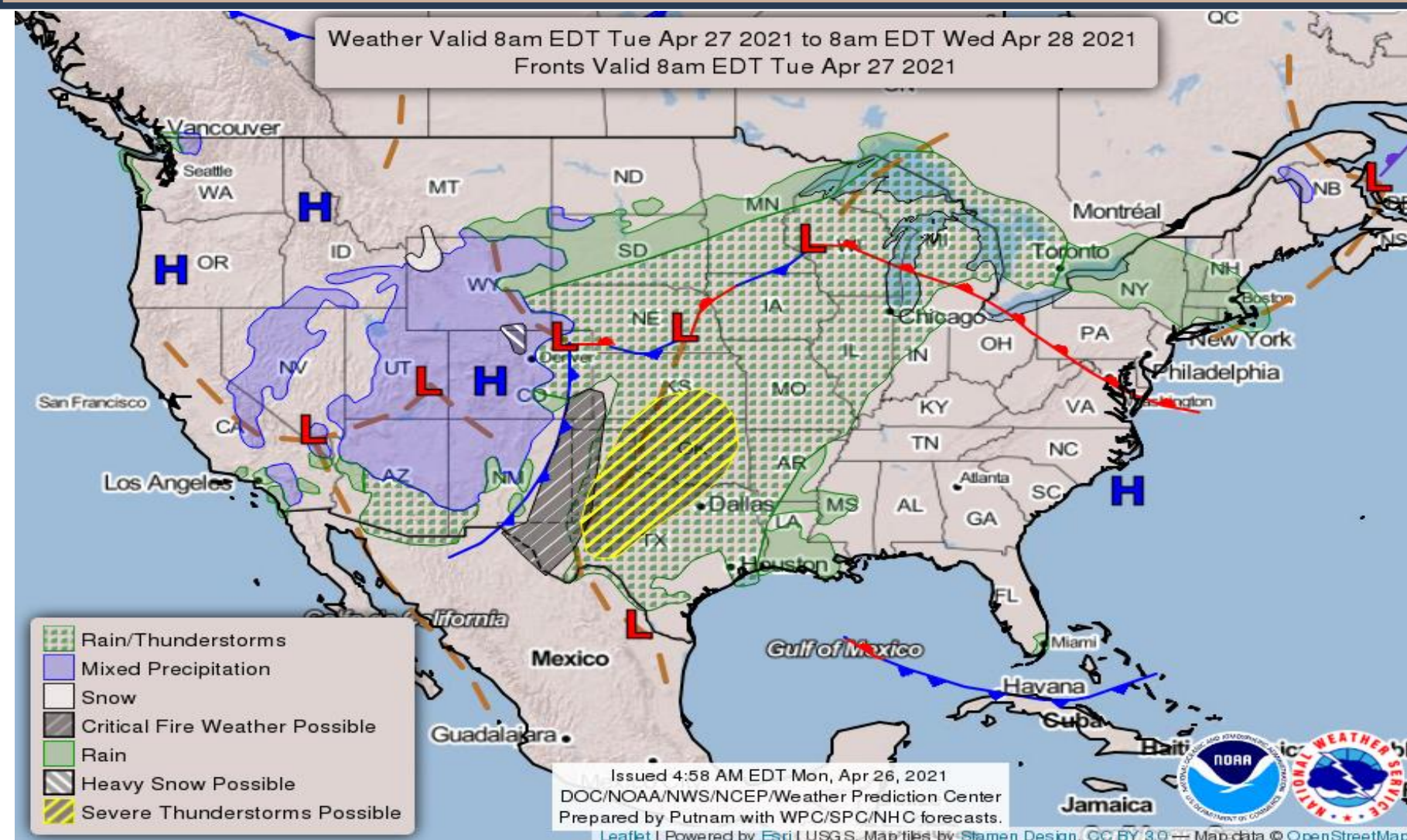


Tomorrow's Weather

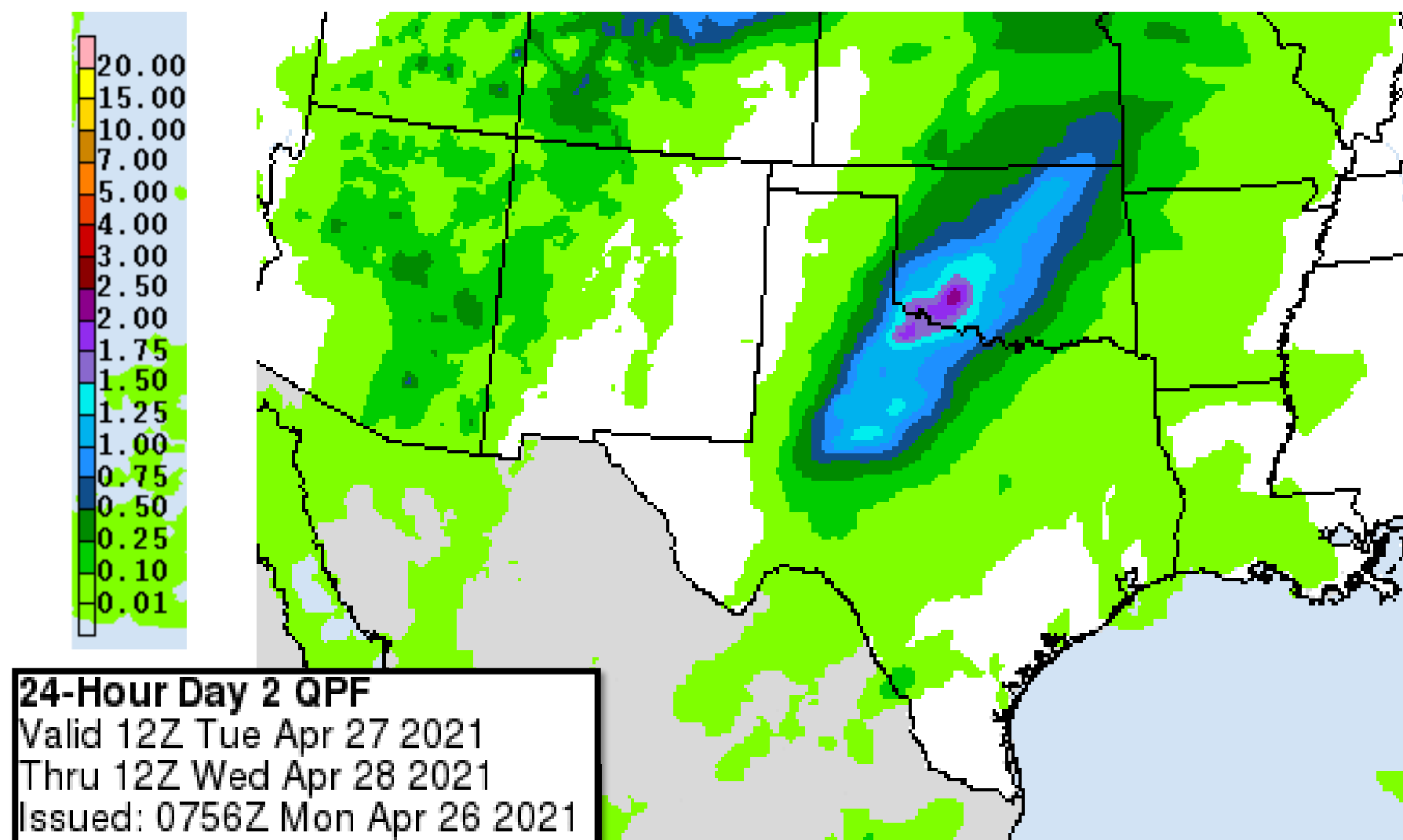


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Forecast Chart



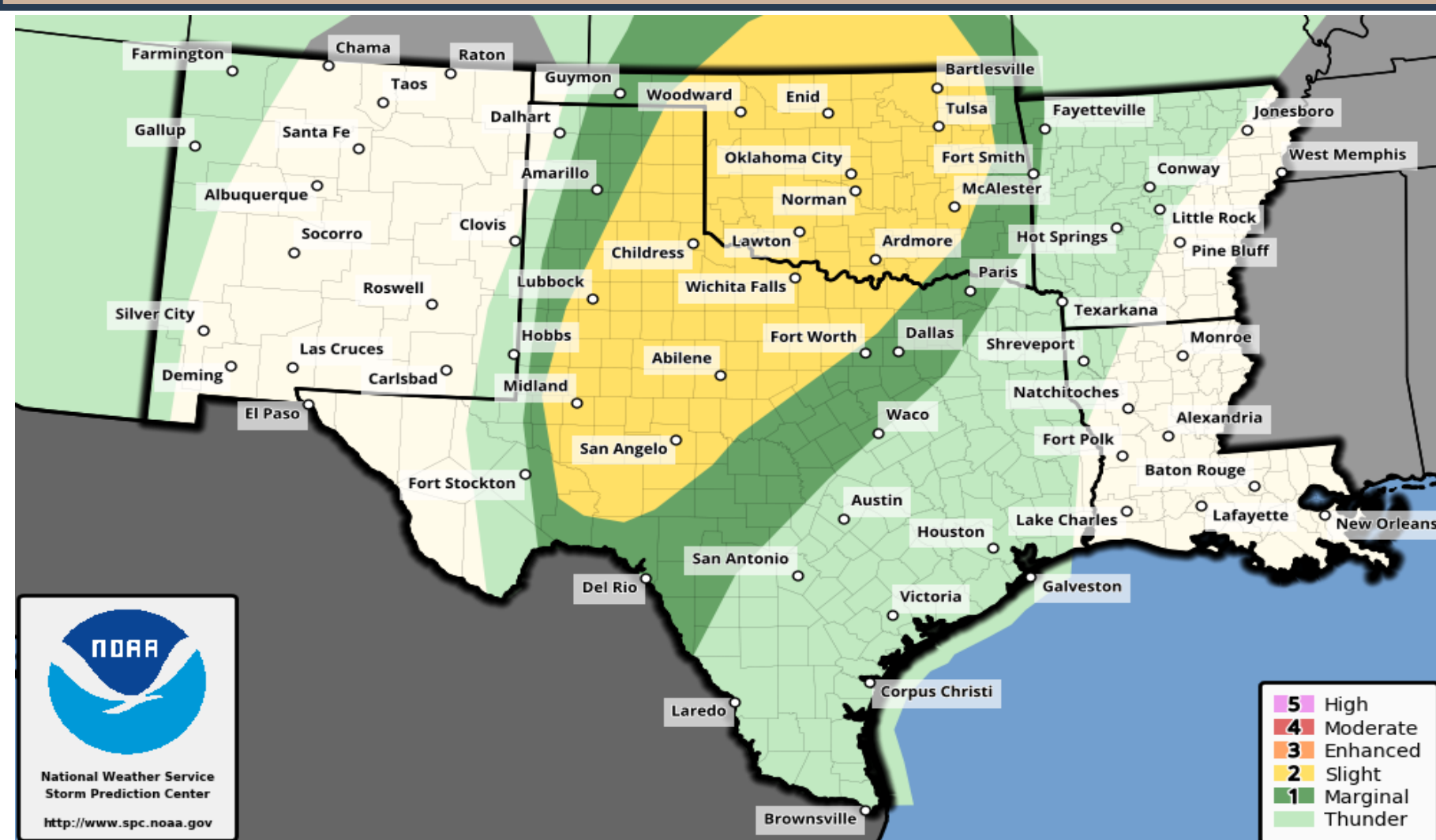
Forecast Rainfall



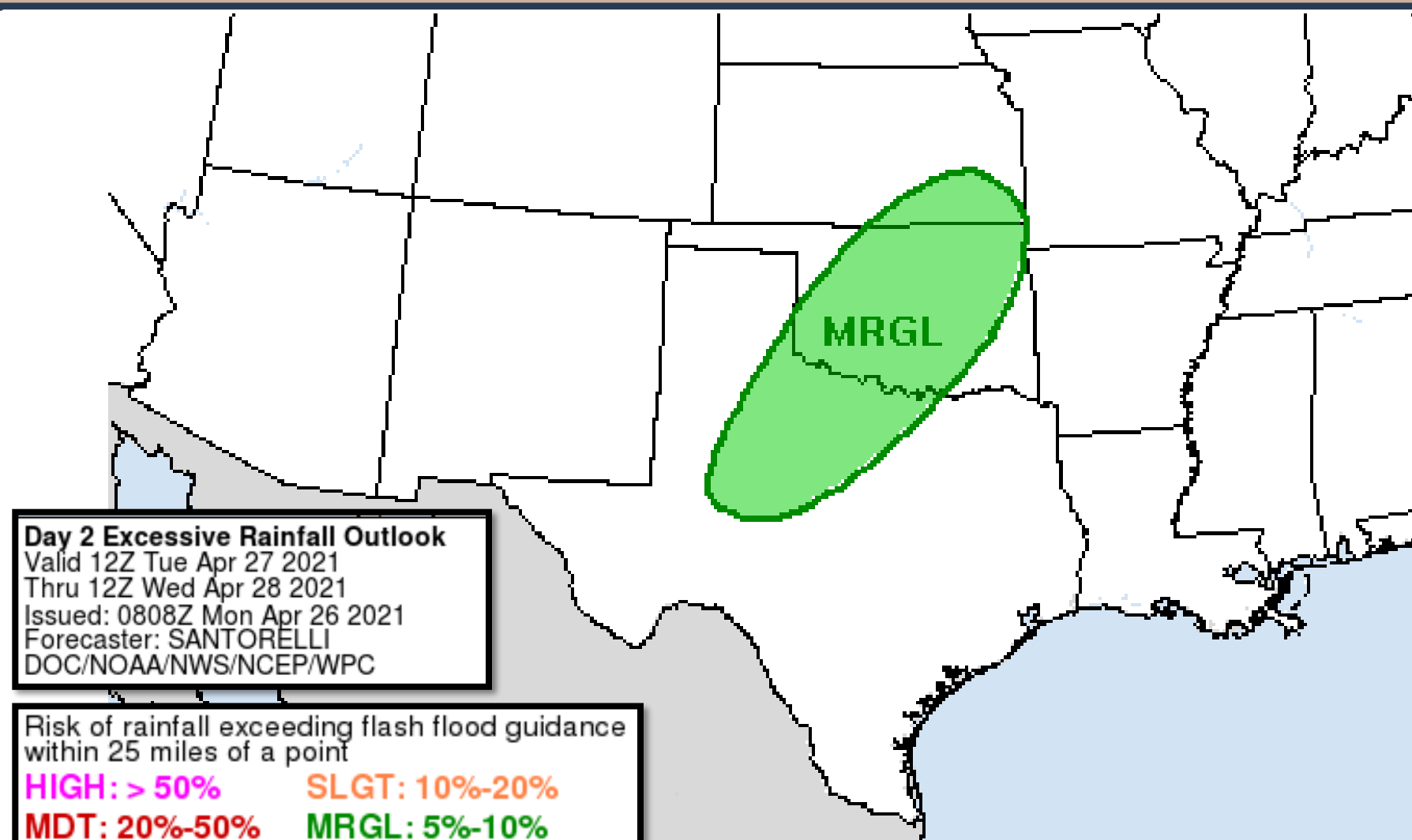
Severe thunderstorms possible Tuesday afternoon through Tuesday night from portions of West and Northwest TX and the TX Panhandle into much of OK; threats include large hail, damaging winds and tornadoes.

Heavy rainfall/flash flooding possible late Tuesday across NW TX & OK.

Severe Weather Outlook

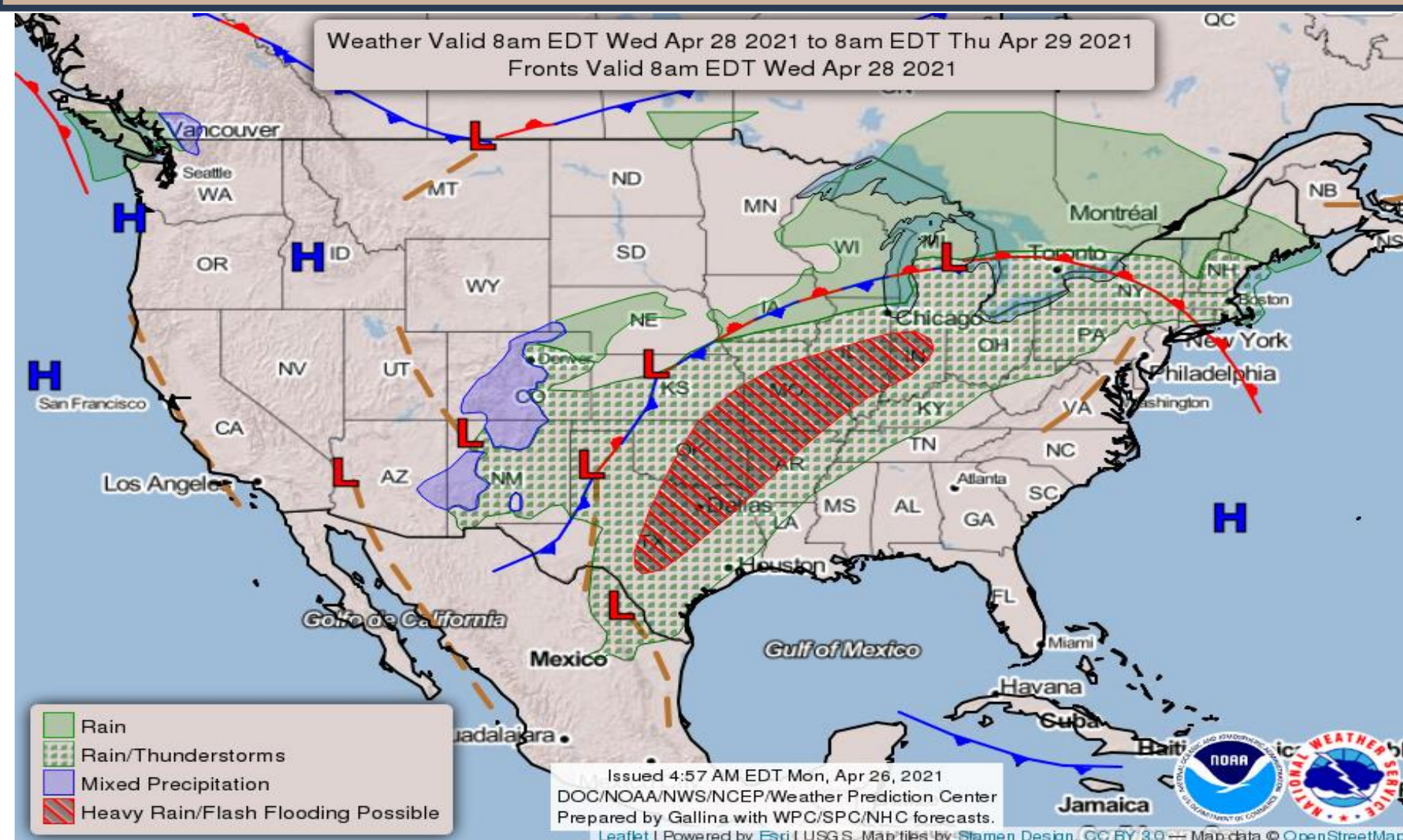


Excessive Rainfall Outlook

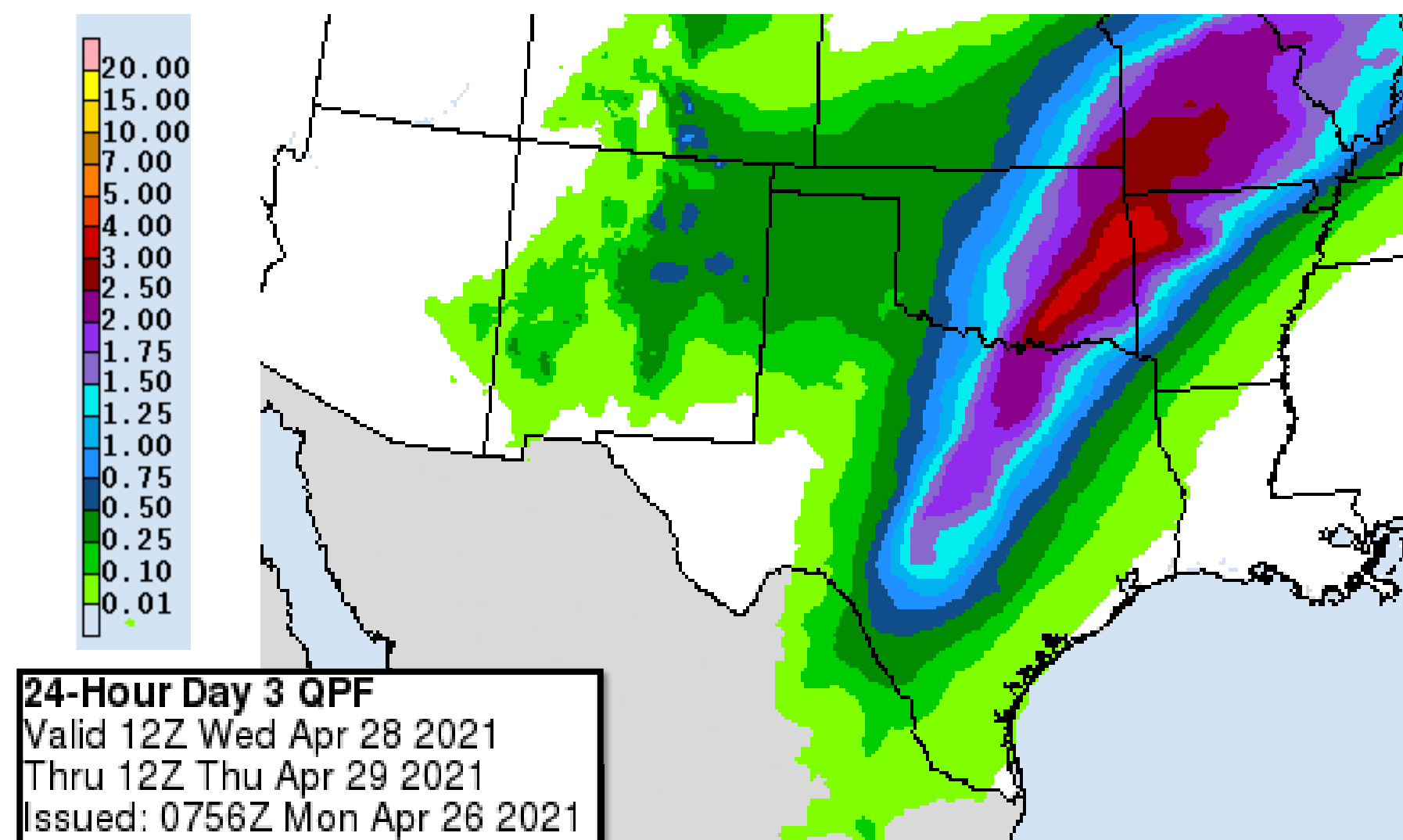


Wednesday's Weather

Forecast Chart



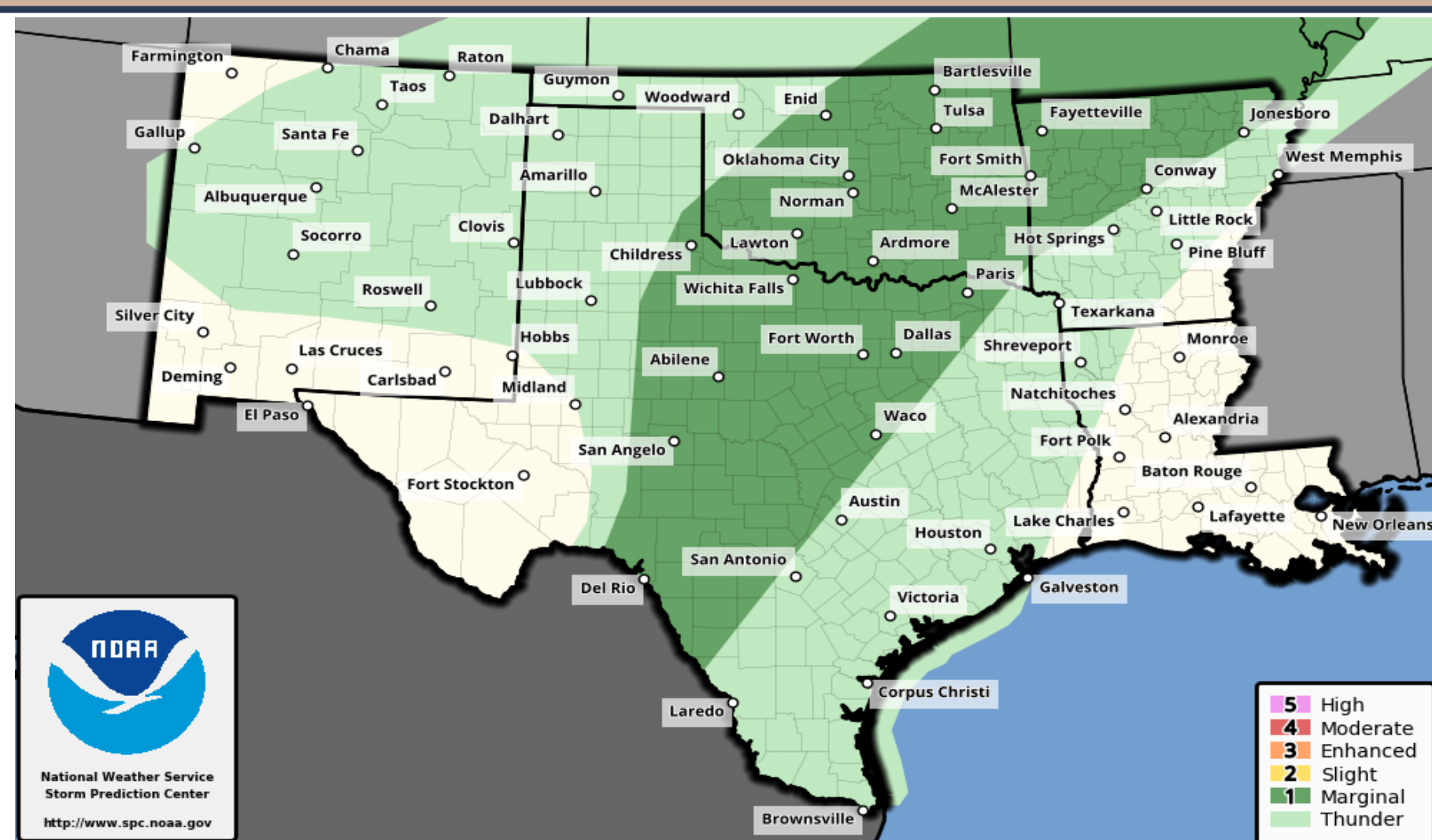
Forecast Rainfall



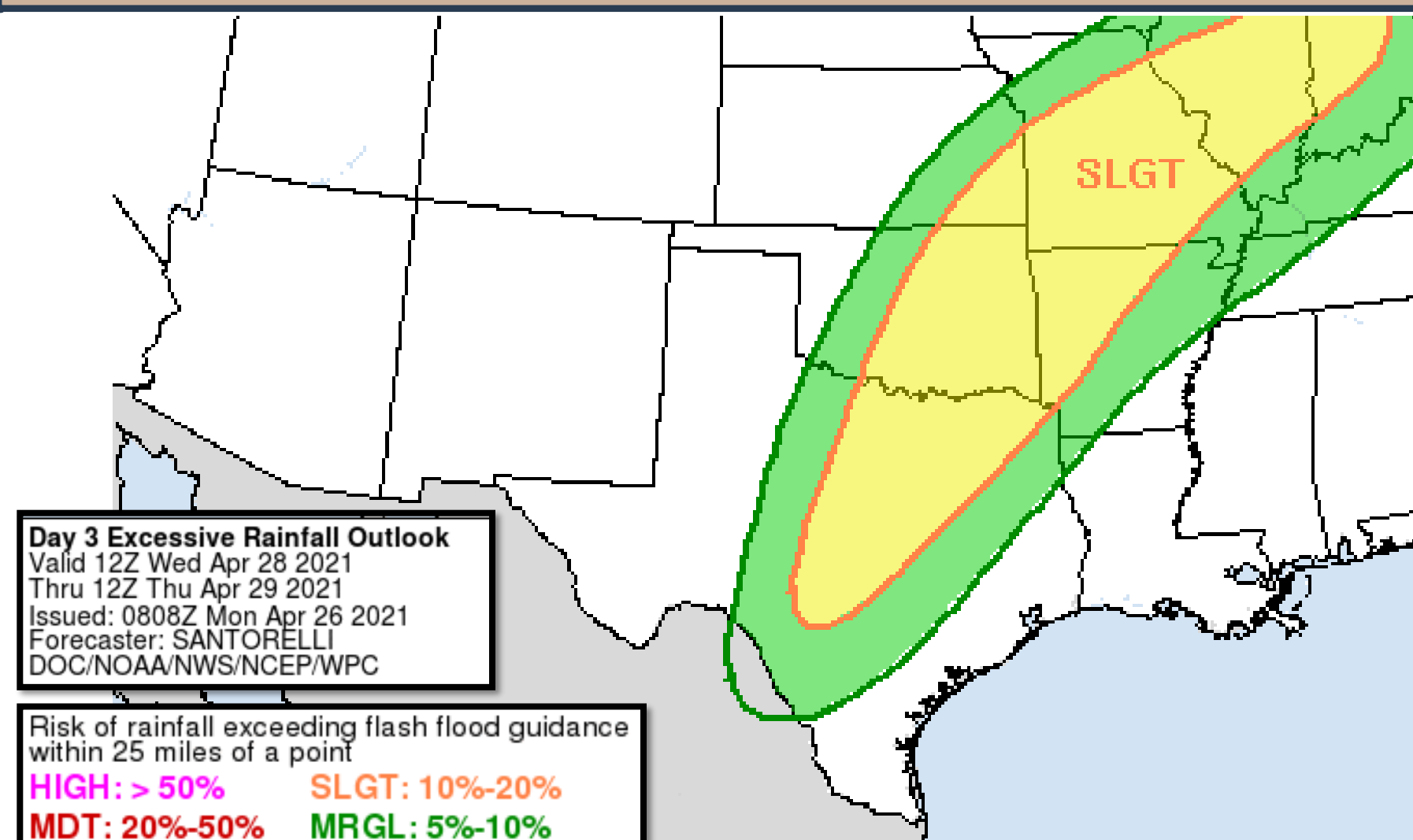
Heavy rainfall/flash flooding possible across Central & Eastern OK, North & Central TX and Western AR.

Isolated severe storms possible Wednesday over portions of OK, TX and AR.

Severe Weather Outlook



Excessive Rainfall Outlook

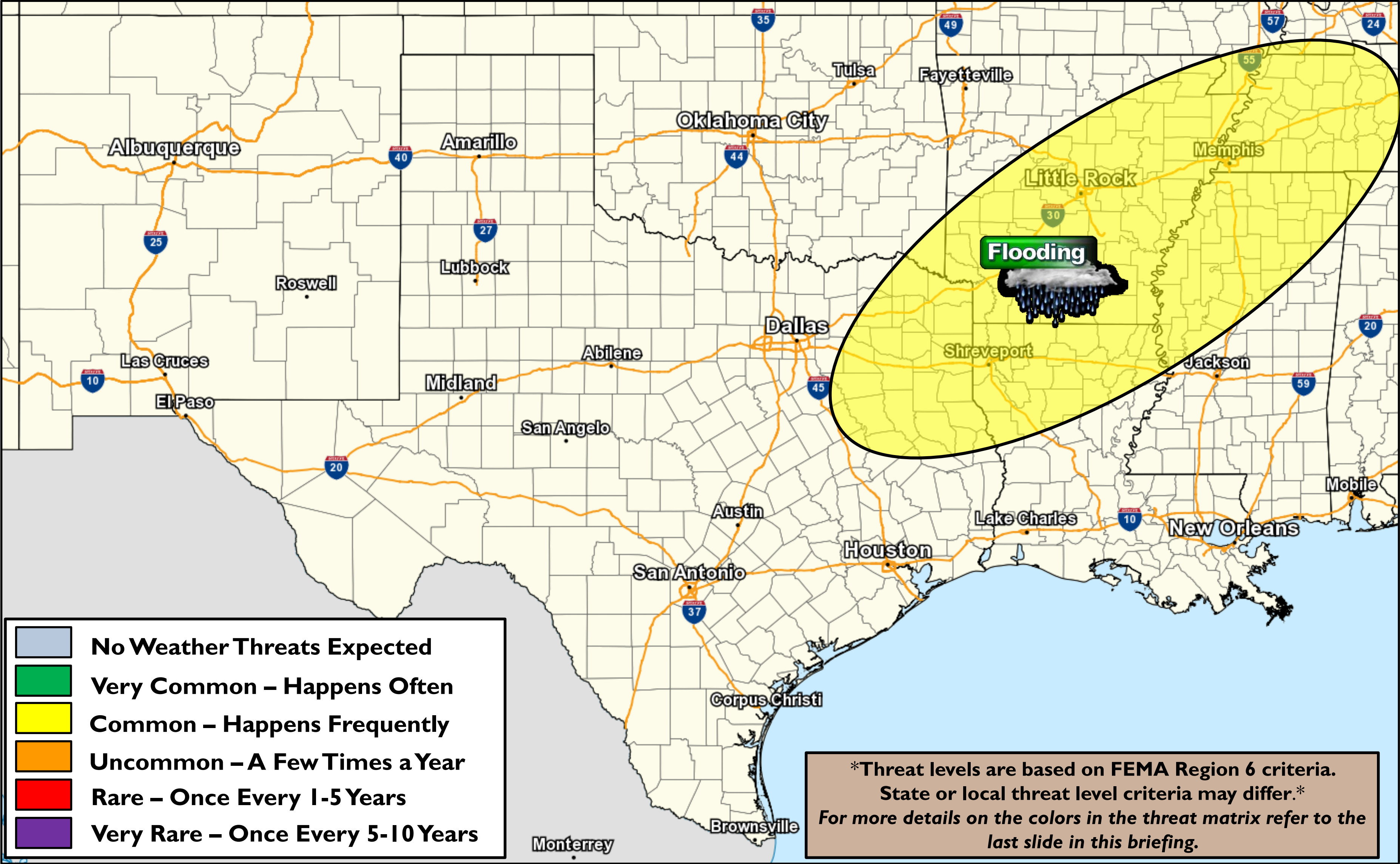


Days 4-5 Weather Hazards

Thursday - Friday



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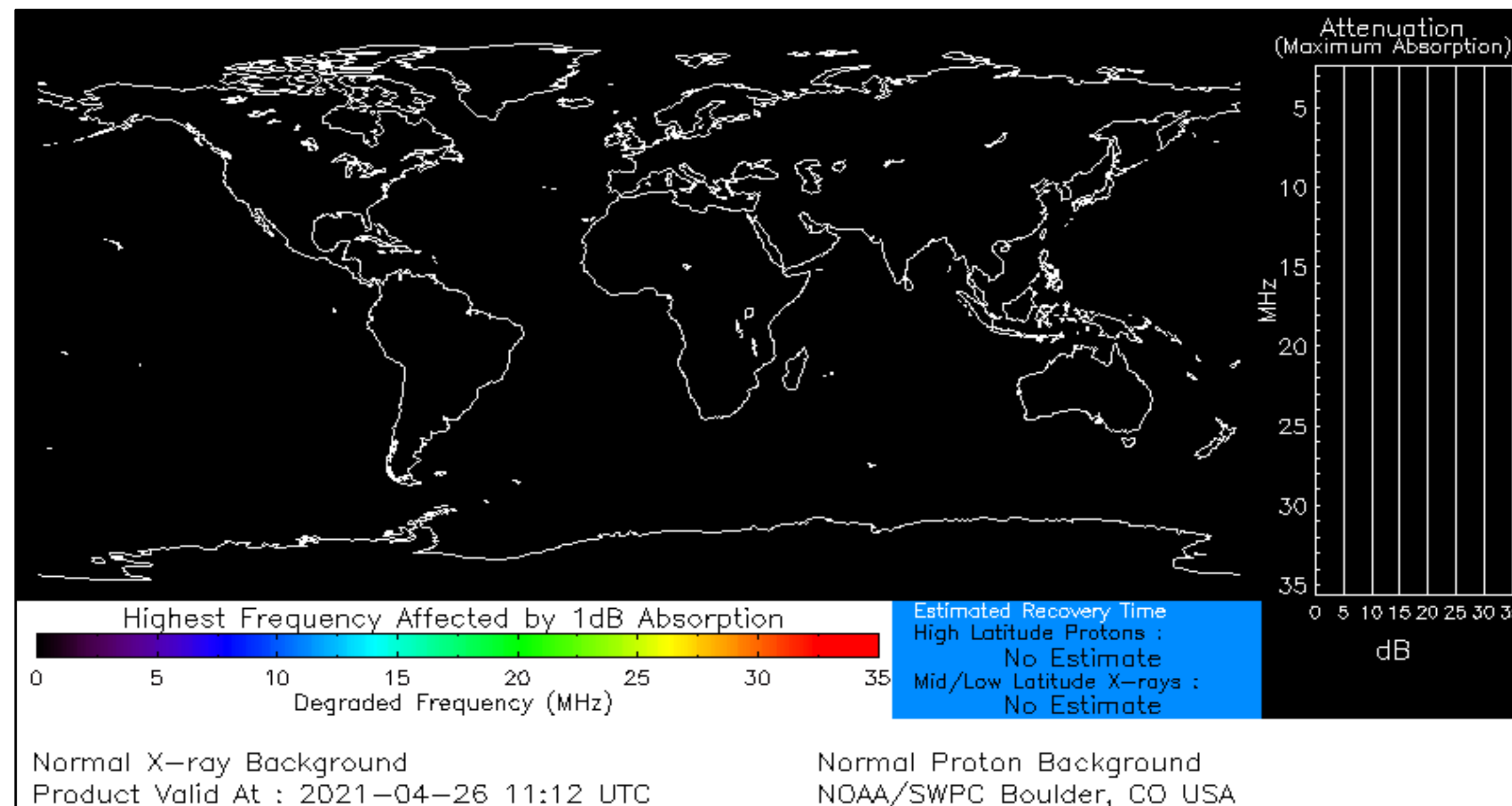
Heavy rainfall/flash flooding possible across NETX/AR/N LA on Thursday.

Space Weather 3-Day Forecast



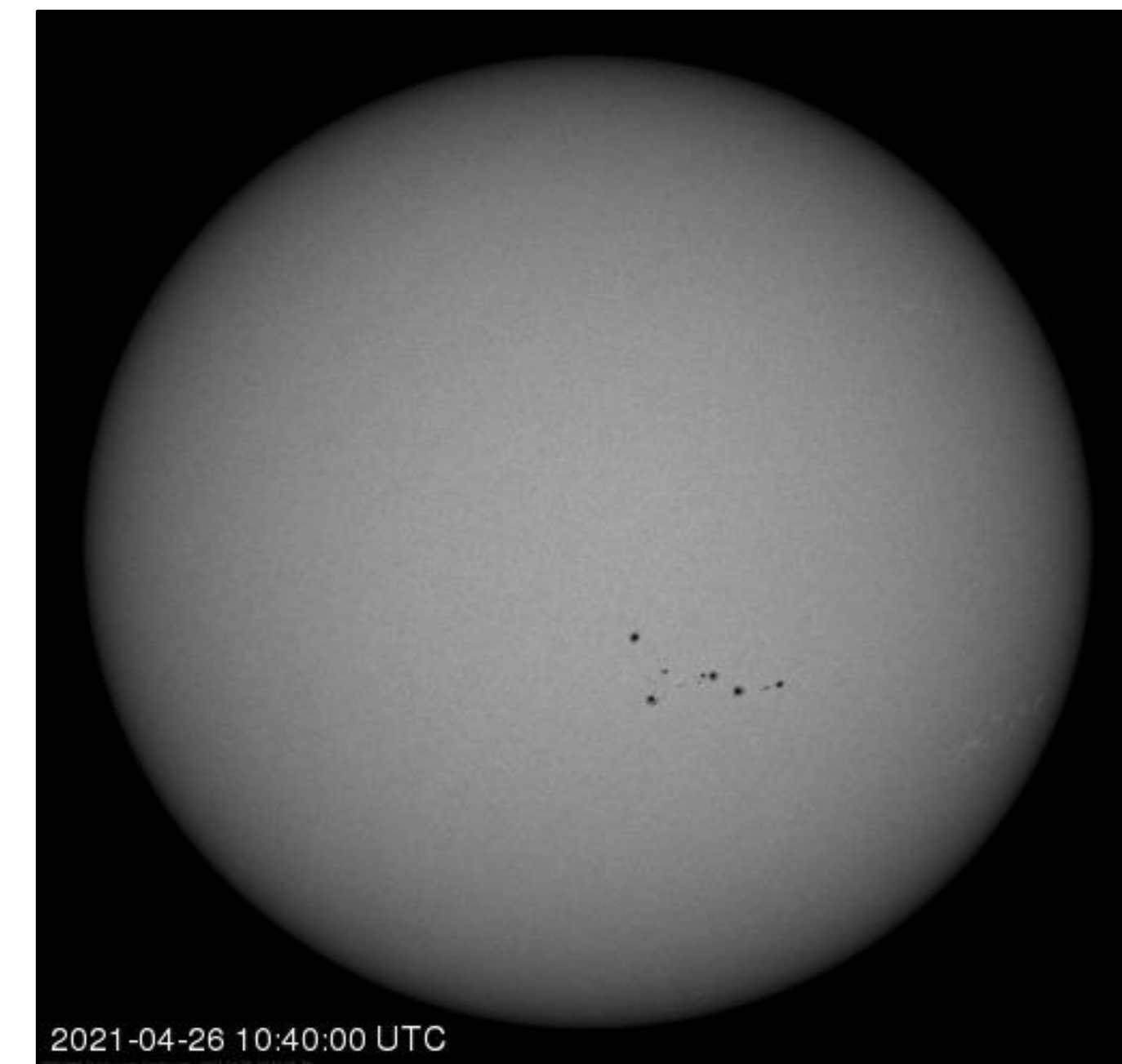
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	Monday	Tuesday	Wednesday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	10%	10%	10%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)



2021-04-26 10:40:00 UTC



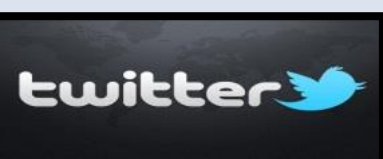
For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov